Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-3 (Canceled).

Claim 4 (Previously Presented): The injection pump according to claim 15, wherein the pump body has a rigidly bent shape.

Claim 5 (Previously Presented): The injection pump according to claim 4, wherein the flexible second piston rod conforms to the rigidly bent shape of the pump body.

Claim 6 (Canceled).

Claim 7 (Previously Presented): The injection pump according to claim 15, wherein the flexible second piston rod is fitted at said second piston rod distal end with a relatively soft or

flexible material.

Claim 8 (Previously Presented): The injection pump according to claim 15, further comprising sealing rings between said piston head and said pump body to create a suction effect when pulling out the piston rods in a proximal direction.

Claim 9 (Canceled).

Claim 10 (Currently Amended): The injection pump according to claim ~~9~~ 16, further comprising a nozzle screwed to the rotatable male LuerLock to take up highly viscous media from a respective vessel which nozzle can be unscrewed after absorption of such highly viscous media.

Claim 11 (Previously Presented): The injection pump according to claim 8, wherein the end piston head has a centered venting boring, with a rear section of the boring being equipped with an air-permeable filter.

Claim 12 (Previously Presented): The injection pump according to claim 11, wherein a proximal end of the centered venting boring is provided with a vertical boring, which vertical boring is radially covered with a valve hose.

Claim 13 (Currently Amended): The injection pump according to claim ~~9~~ 16, wherein the male LuerLock is fitted with a prong to fasten the pump body by radially pressure-forcing the pump body into place.

Claim 14 (Previously Presented): The injection pump according to claim 15, wherein the pump body is arranged at the pump body grip firmly, rotatable and replaceable.

Claim 15 (Currently Amended): An injection pump for application of highly viscous media that have to be applied with pressure during percutaneous vertebroplasty comprising:

(a) a pump body comprising a flexible or ductile plastic material, said pump body having a pump body proximal end, a pump body distal end, and a pump body length;

(b) a pump body grip fastened at said pump body proximal

end; and

(c) a piston system comprising a rigid first piston rod having a first piston rod proximal end and a first piston rod distal end, a flexible second piston rod connected to said first piston rod at said first piston rod distal end and having a second piston rod distal end, a first piston rod grip connected to said first piston rod at said first piston rod proximal end, and an end piston head at the second piston rod distal end for taking up bone cement;

wherein said end piston head is movable along the entire pump body length between the pump body distal end and the pump body proximal end, wherein the pump body length is the length between the pump body proximal end and the pump body distal end.

Claim 16 (New): An injection pump for application of highly viscous media that have to be applied with pressure during percutaneous vertebroplasty comprising:

(a) a pump body comprising a flexible or ductile plastic material, said pump body having a pump body proximal end, a pump body distal end, and a pump body length;

(b) a pump body grip fastened at said pump body proximal

end;

(c) a piston system comprising a rigid first piston rod having a first piston rod proximal end and a first piston rod distal end, a flexible second piston rod connected to said first piston rod at said first piston rod distal end and having a second piston rod distal end, a first piston rod grip connected to said first piston rod at said first piston rod proximal end, and an end piston head at the second piston rod distal end for taking up bone cement; and

(d) a hose bracket sleeve with an attached rotatable male LuerLock at the pump body distal end;

wherein said end piston head is movable along the pump body length from the pump body proximal end to the attached LuerLock at the pump body distal end.